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In the claims:

1. (currently amended) Apparatus for ascertaining a dynamic attribute of a system comprising:

a processor operable to:

select logic for selecting a variable, the value of which is related to the dynamic attribute to be ascertained;

ascertain logic for ascertaining the standard deviation around the true mean of the variable;

choose logic for choosing an allowable range for the true mean;

choose logic for choosing a confidence interval;

calculate logic for calculating the number  $N_1$  of samples of the variable that need to be taken so that the confidence interval of the calculated variable is less than the allowable range;

set logic for setting a sliding window to collect  $N_1$  samples of the variable as a short term average;

calculate logic for calculating the number  $N_2$  of samples of the variable that need to be taken to minimize the confidence interval of the calculated variable to a pre-determined amount;

collect logic for collecting at least  $N_2$  samples of the variable as a long term average;

calculate logic for calculating the absolute difference between the long term average and the short term average;

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~~logic operable so that, if the difference is greater than the allowable range,~~  
~~indicating~~ indicate that the dynamic system attribute has been positively identified; and  
~~logic operable so that, if the difference is less than the allowable range,~~  
continuing to add to the number samples of the variable for the long term average and  
continuing to update the sliding window for the short term average.

2. (original) The apparatus of claim 1 wherein the system is a wireless network and wherein the system characteristic is whether a user of the wireless network is moving, or has moved.
3. (original) The apparatus of claim 2 wherein the variable is signal strength received by the wireless user.